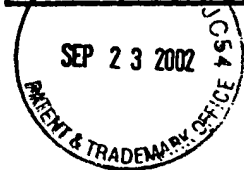
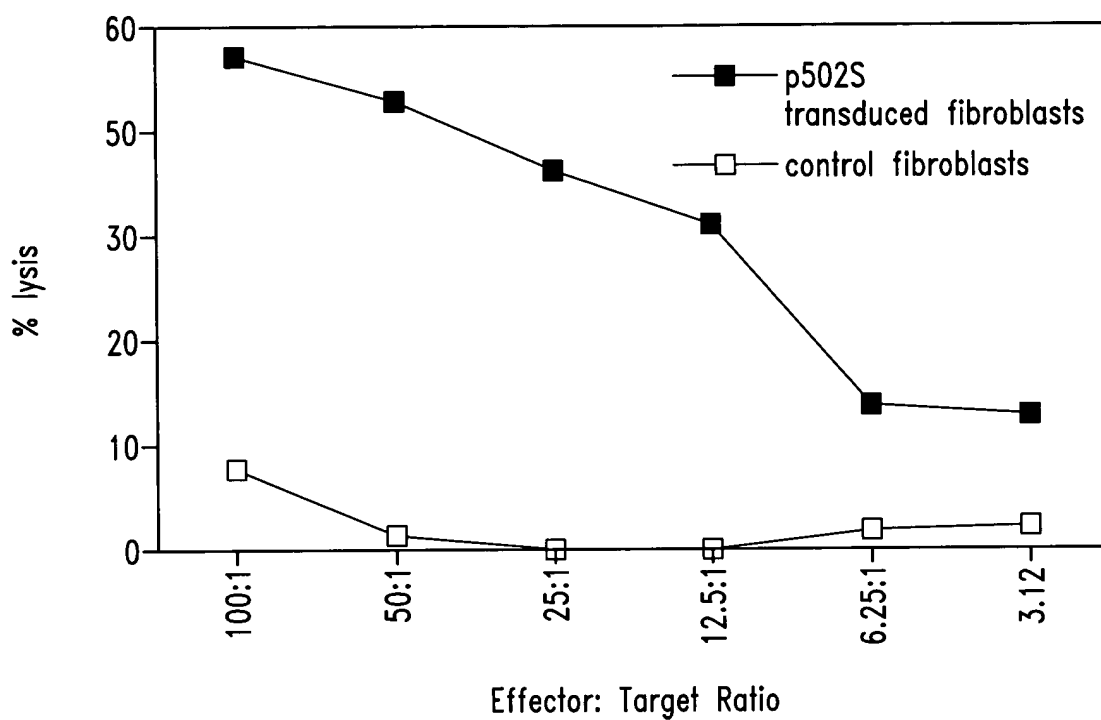


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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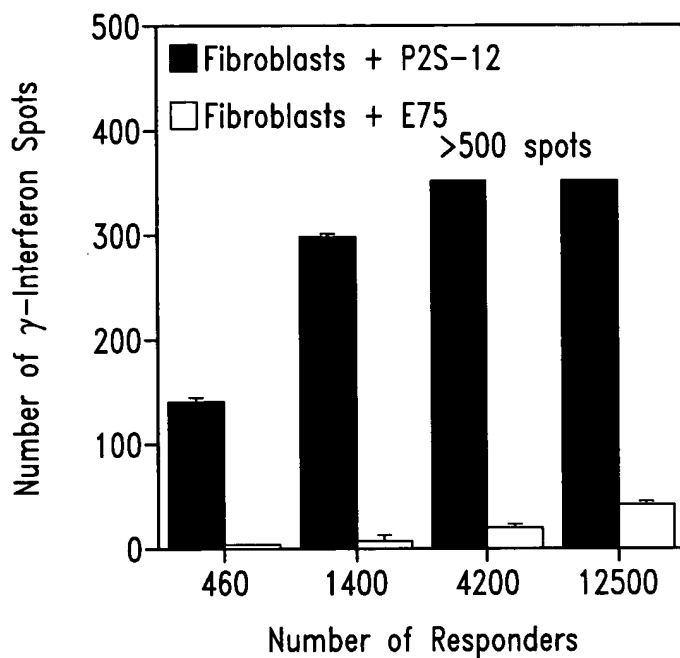
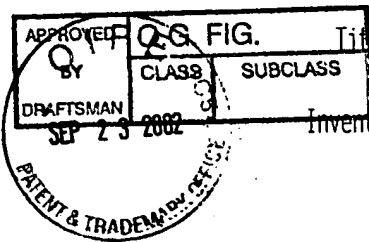


Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER  
Express Mail No. EV170134316US  
Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

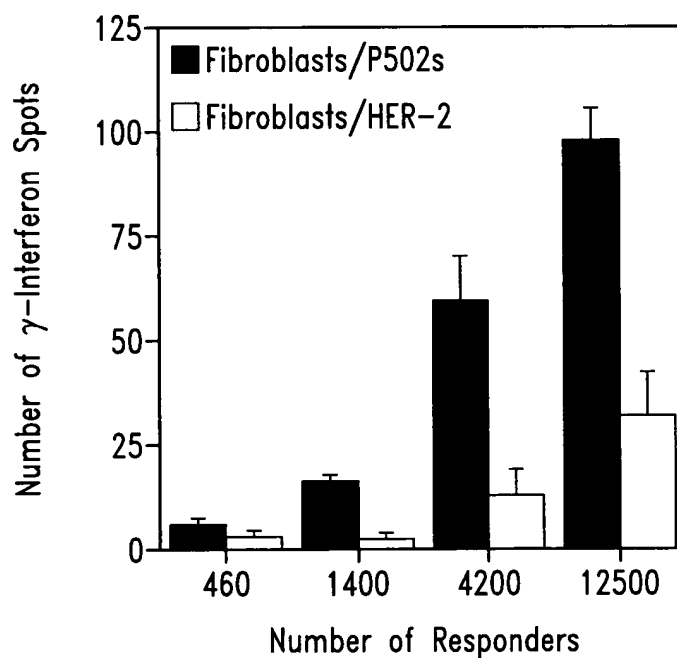
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*Fig. 1*



*Fig. 2A*



*Fig. 2B*

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APPROVED	CPG FIG.	
BY	CLASS	SUBCLASS
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Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

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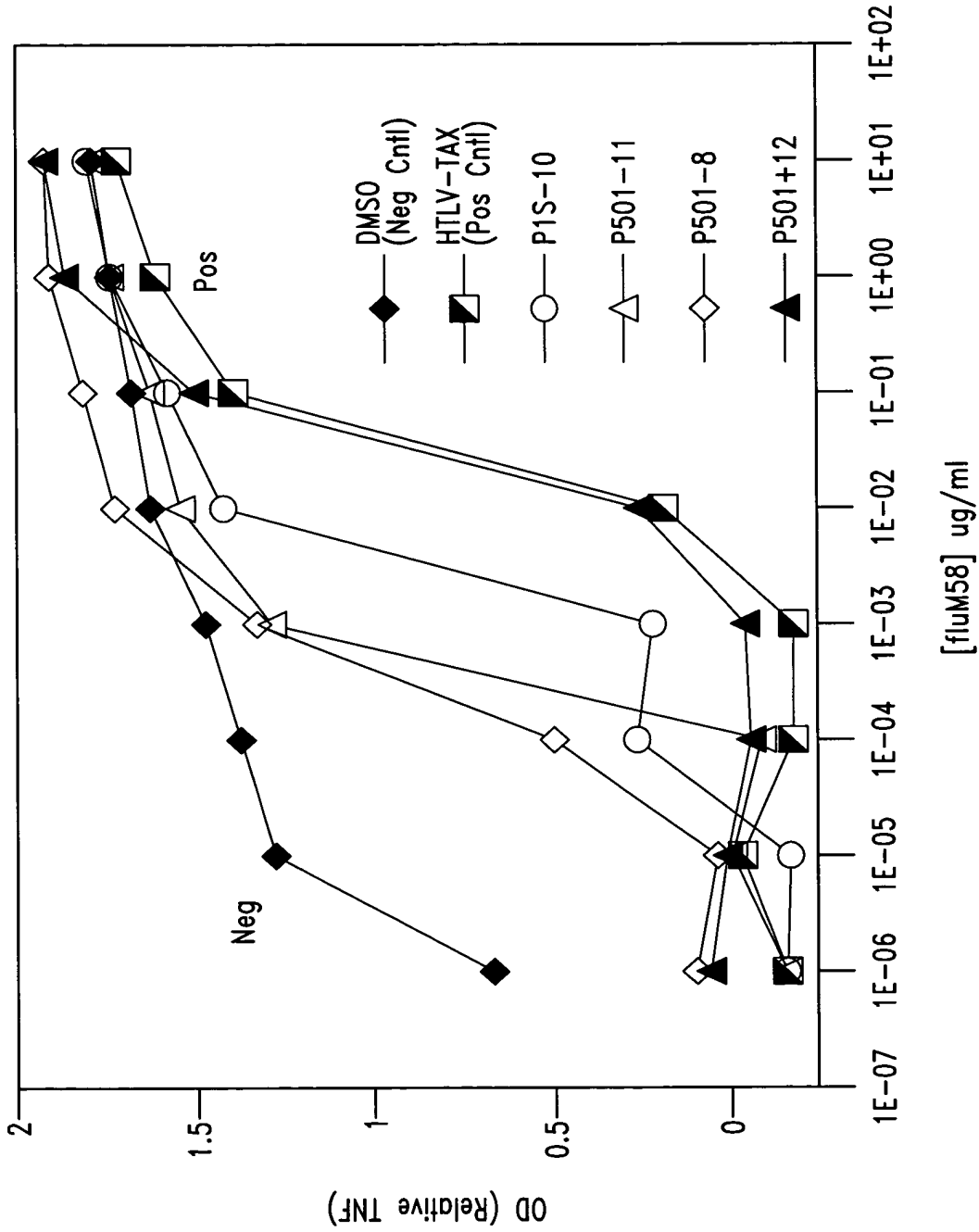
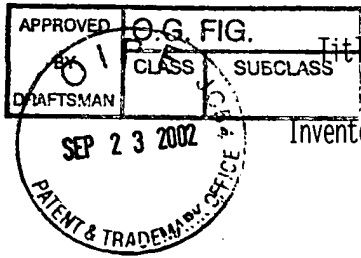


Fig. 3



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

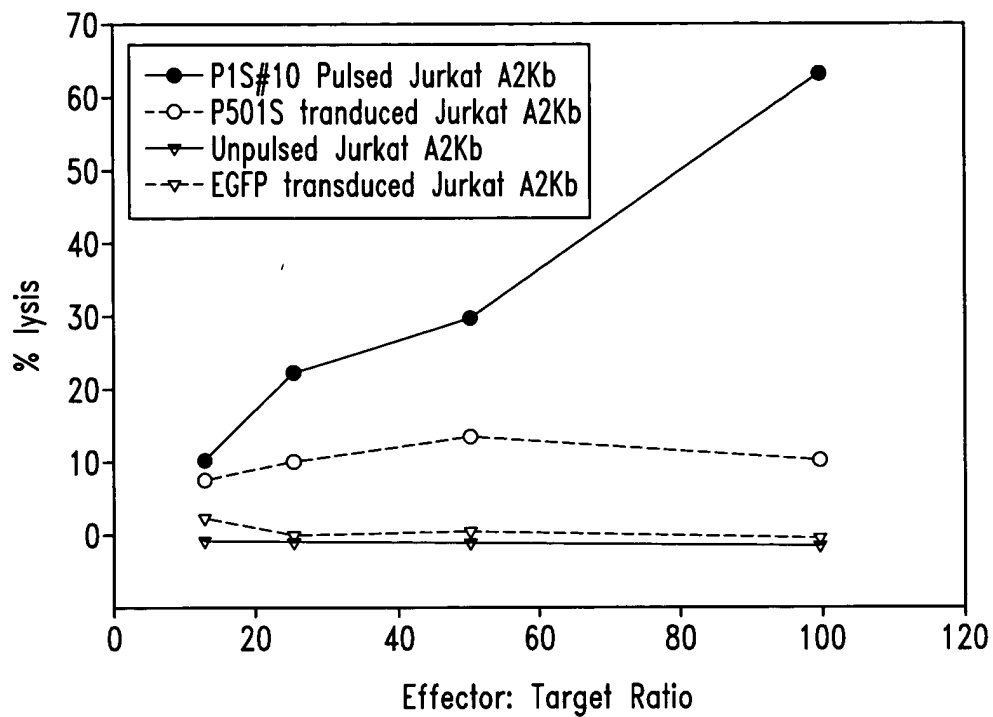


Fig. 4

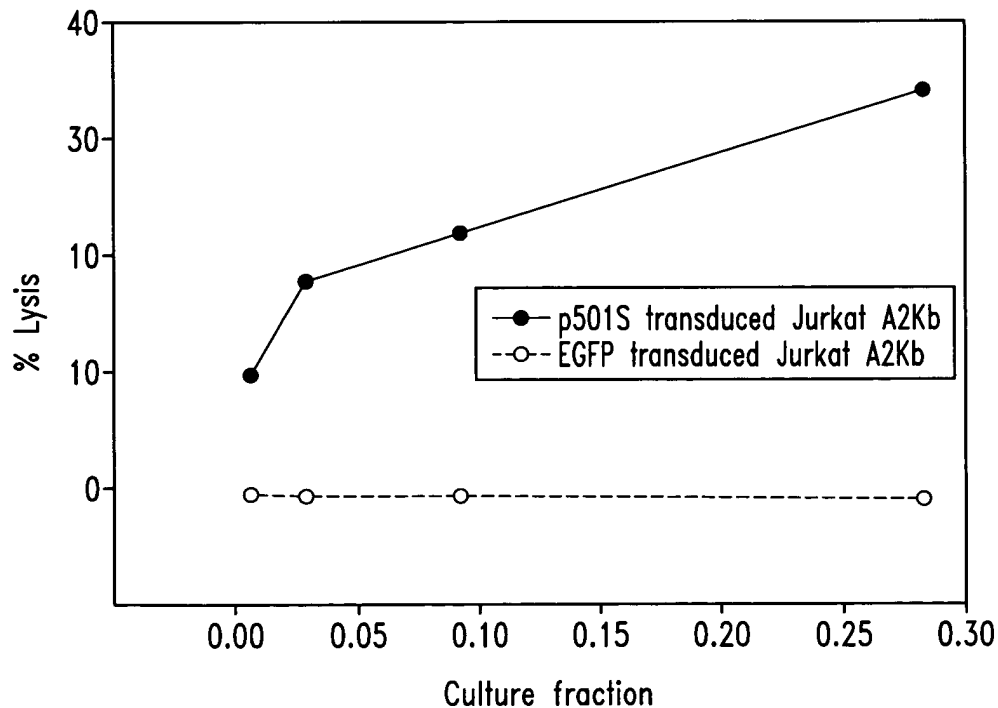
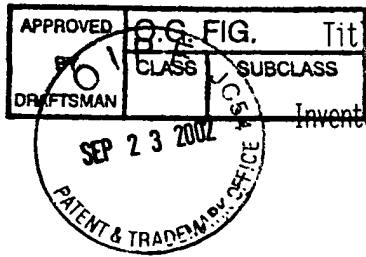


Fig. 5



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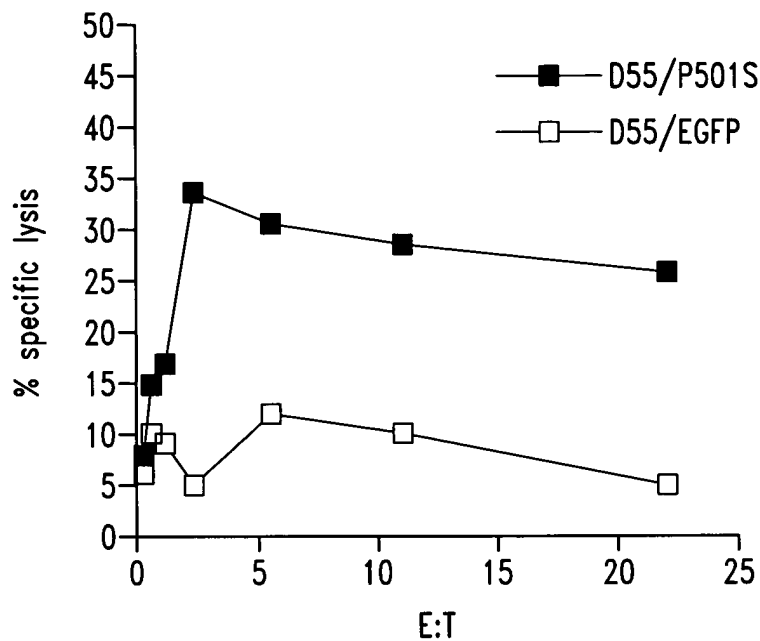


Fig. 6A

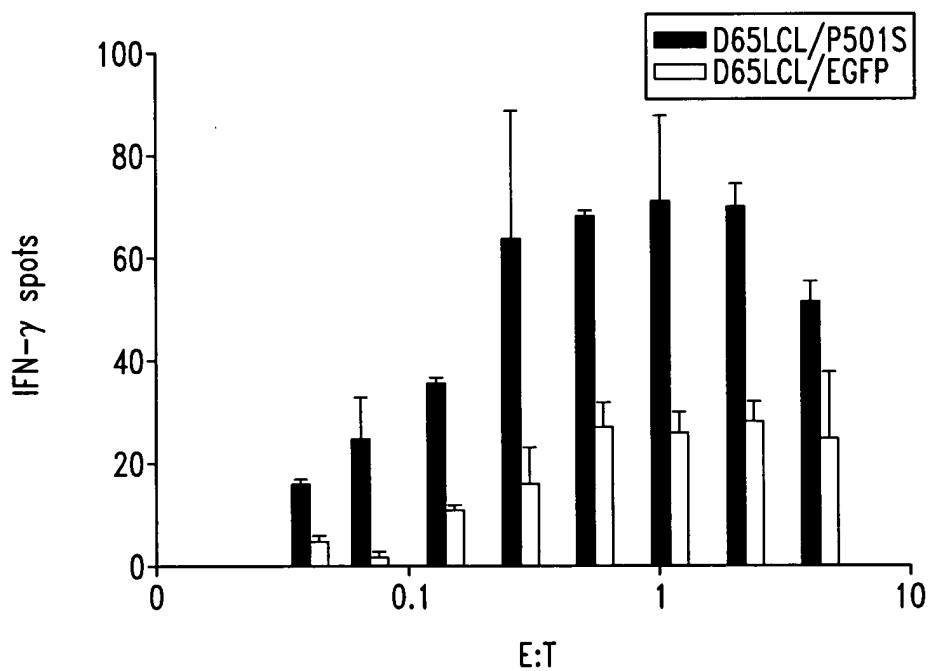


Fig. 6B

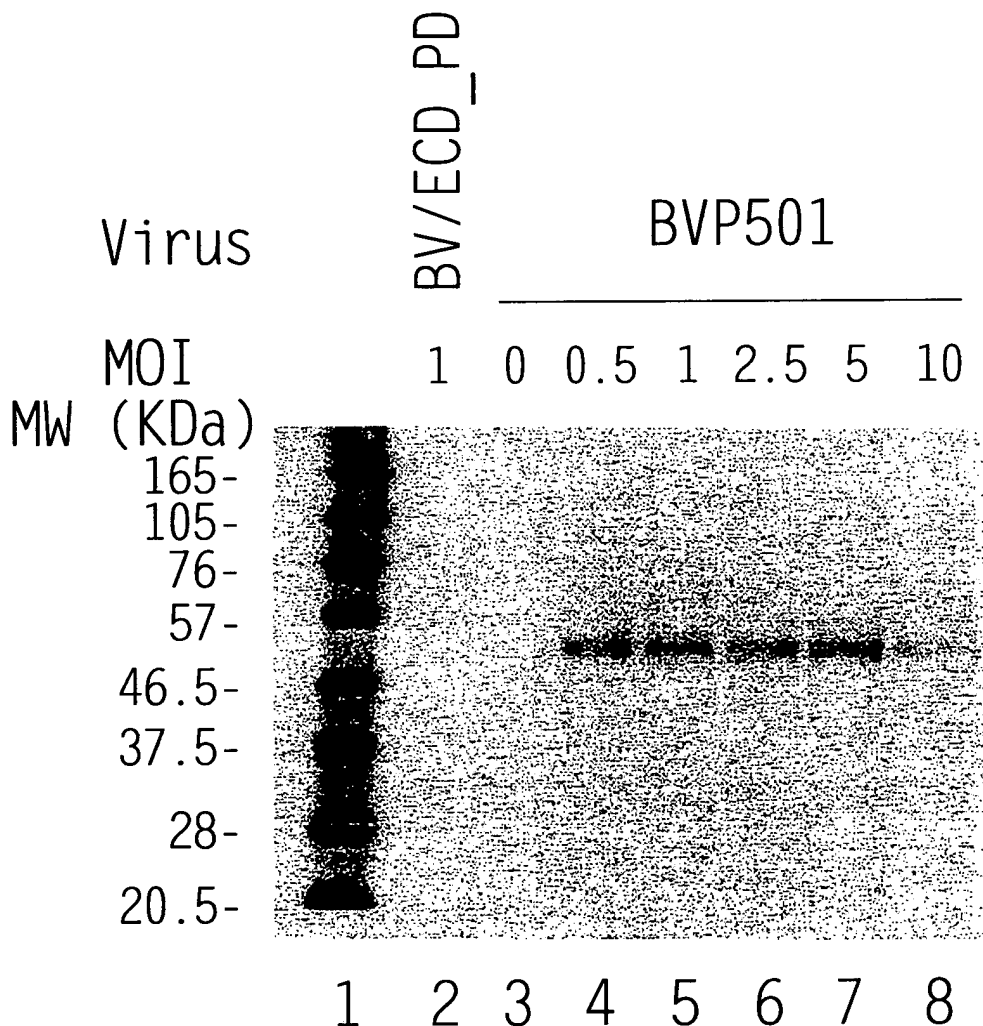
APPROVED	FIG.	Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER
BY	CLASS	
DRAFTSMAN	SUBCLASS	Express Mail No. EV170133960US

Inventor: Jiangchun Xu et al. Serial No. 09/657,279 Docket No. 210121.427C19

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## Expression of P501S by the Baculovirus Expression System

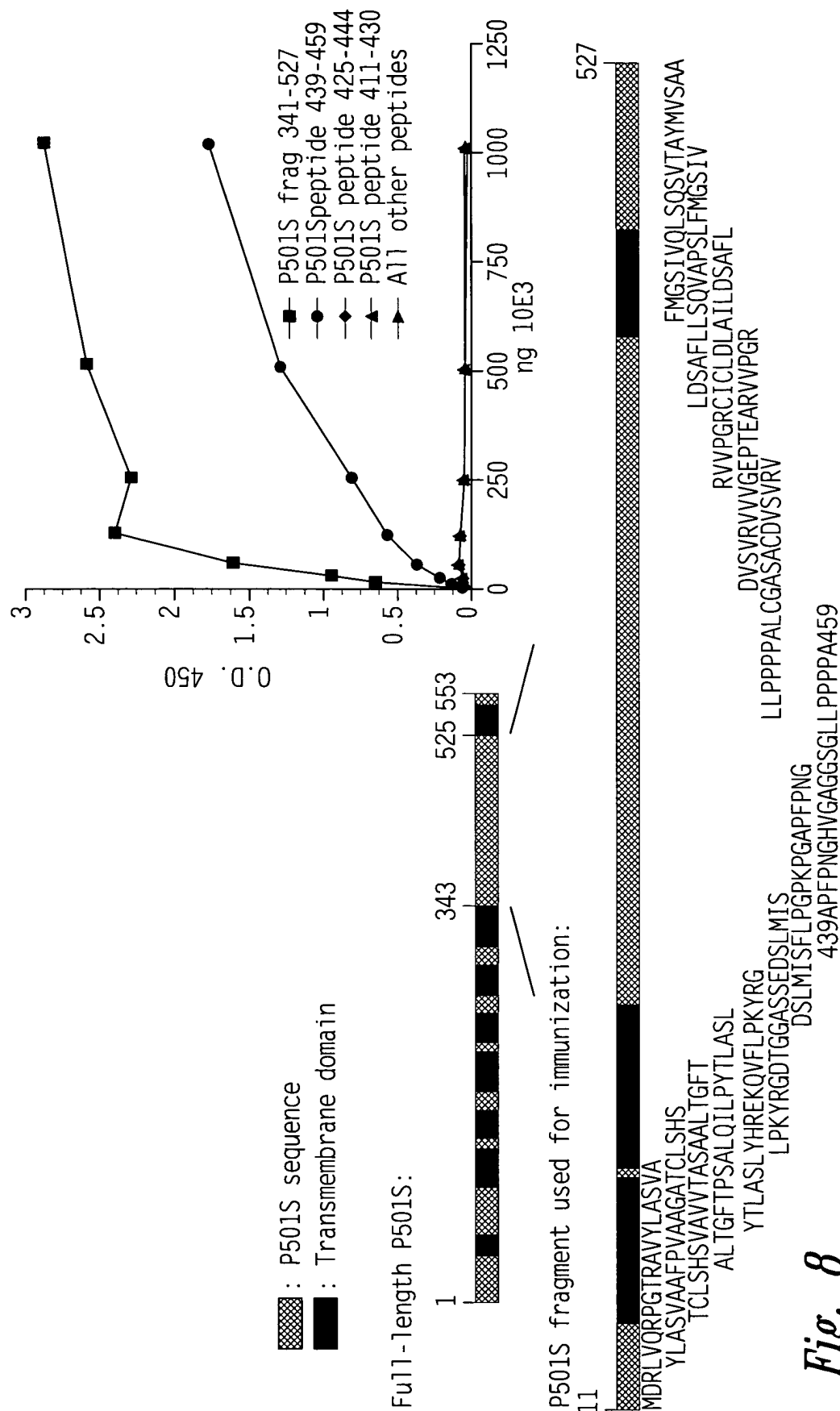


C 6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD\_PD (lane2), without virus (lane3), or with recombinant baculovirus for P501 at different MOIs (lane 4-8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

*Fig. 7*

**Fig. 8**

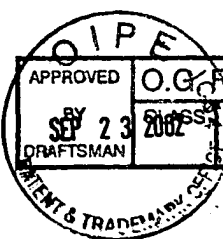
FIGURE 8. Mapping of the epitope recognized by 10E3-G4-D3



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	SUBCLASS	Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

Schematic of P501S with predicted  
transmembrane, cytoplasmic, and extracellular regions

MVQRLWVSRLLRHRK AQLLLVNLLTFGLEVCLAAGIT **YVPPLLLLEVGVEEKFM**  
TMVLGIGPVLGLVCYPLLSAS

*DHWRGRYGRRRP* FIWALSLGILLSLFLIPRAGWL **AGLLCPDPRPLE** LALLILGVLLDFCGQVCFTPL

*EALLSDLFRDPDHCRQ* AYSVYAFMISLGGCLGYLLPAI **DWDT***SALAPYLGTQEE*

CLFGLLTLIFLTCVAATLLV *AEAAALGPTEPAEGLSAPSLSPHCCPCRARLAFRNLGALLPRL*

*HQLCCRMPTLRR* LFVAELCSWMALMTFTLFYTDF **VGEGLYQGV***PRAEPGTEARRHYDEGVR*

MGSLGLFLQCAISLVFSLVM *DRLVQRFGTRAVYLAS* VAAFPVAAGATCLSHSVAVVTA **SAA**

LTGFTFSALQILPYTLASLY *HREKQVFLPKYRGDTGGASSED*SLMTSFLPGPKPGAPFPNGHVGAGGSGL

*LPPPPALCGASACDVSVRVVVGEPTEARVVPGRG* ICLDLAILDSAFLLSQVAPSLF **MGSIVQLSQS**

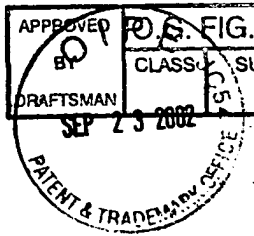
VTAYMVSAAGLGLVAIYFAT *QVVF***DKSD***LAKYSA*

Underlined sequence: Predicted transmembrane domain; **Bold sequence**:  
Predicted extracellular domain; *Italic sequence*: Predicted intracellular  
domain. Sequence in bold/underlined: used generate polyclonal rabbit  
serum

Localization of domains predicted using HMMTOP (G.E. Tusnady and I. Simon  
(1998) Principles Governing Amino Acid Composition of Integral Membrane  
Proteins: Applications to topology Prediction. J. Mol Biol. 283, 489-506.

*Fig. 9*





Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

Genomic Map of (5) Corixa Candidate Genes

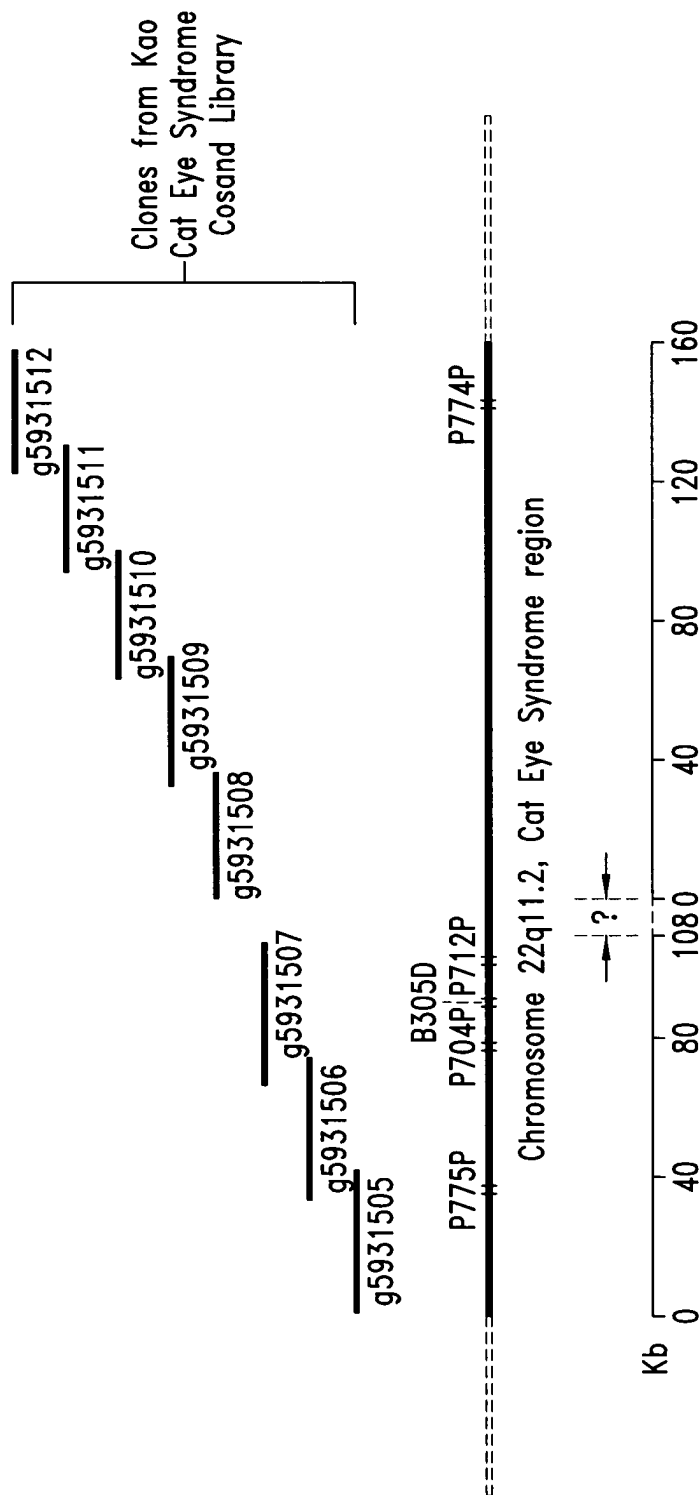


Fig. 10

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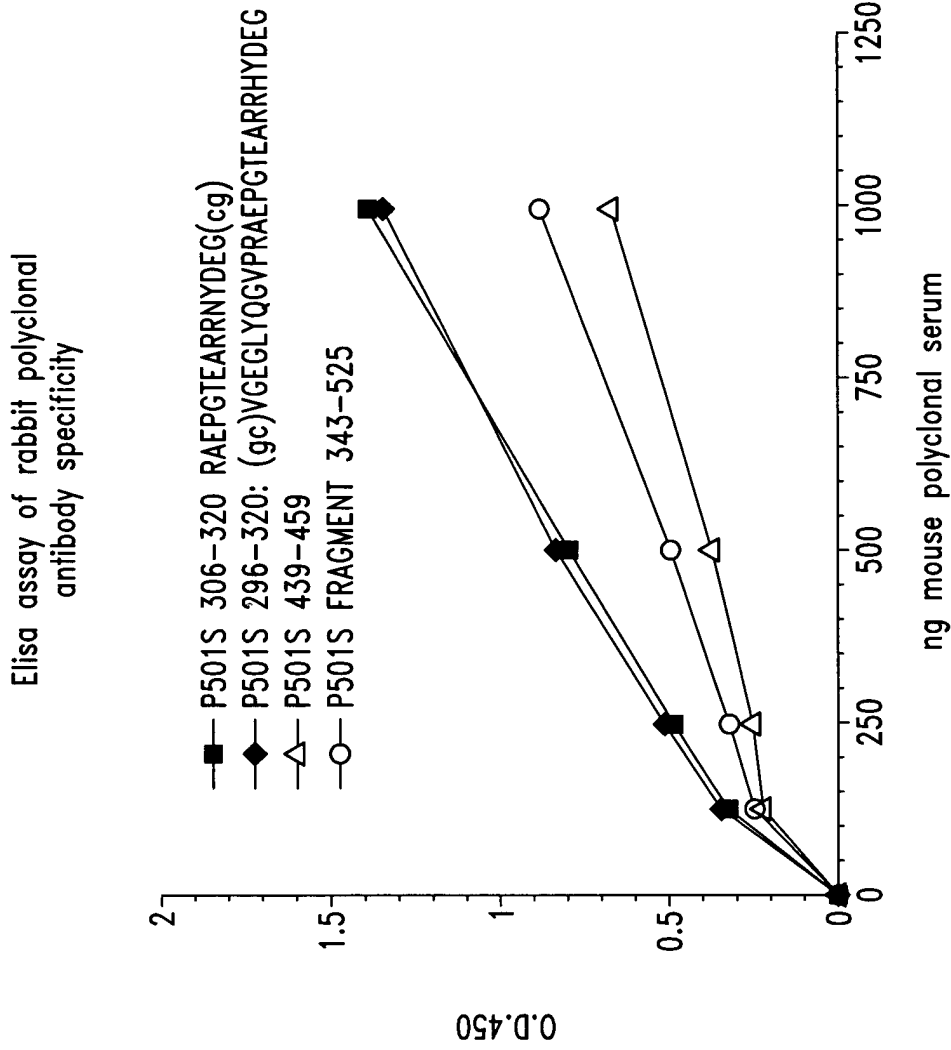
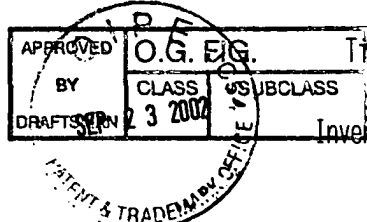


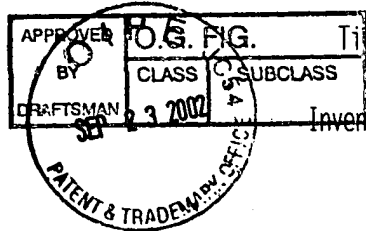
Fig. 11



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TACAGTGAAA	GCGACTTGGT	GAATTTTATT	CAAGCAAATT	TTAAGAAAACG	AGAATGTGTC	180
TTCTTTACCA	AAGATTCCAA	GGCCACGGAG	AATGTGTGCA	AGTGTGGCTA	TGCCCAGAGC	240
CAGCACATGG	AAGGCACCCA	GATCAACCAA	AGTGAGAAAT	GGAACACACC	GAAACACACC	300
AAGGAATTTT	CTACCGACGC	CTTTGGGGAT	ATTCAGTTTG	AGACACTGGG	GAAGAAAGGG	360
AAGTATATAC	GTCTGTCCCTG	CGACACGGAC	GCGGAAATCC	TTTACGAGCT	GCTGACCCAG	420
CACTGGCACC	TGAAAACACC	CAACCTGGTC	ATTTCTGTGA	CCGGGGGCGC	CAAGAACTTC	480
GCCCTGAAGC	CGCGCATGCG	CAAGATCTTC	AGCCGGCTCA	TCTACATCGC	GCAGTCCAAA	540
GGTGCTTGGA	TTCTCACGGG	AGGCACCCAT	TATGGCCTGA	CGAAGTACAT	CGGGGAGGTG	600
GTGAGAGATA	ACACCATCAG	CAGGAGTTCA	GAGGAGAATA	TTGTGGCCAT	TGGCATAGCA	660
GCTTGGGGCA	TGGTCTCCAA	CCGGGACACC	CTCATCAGGA	ATTGCGATGC	TGAGGGCTAT	720
TTTTTAGCCC	AGTACCTTAT	GGATGACTTC	ACAAGGGATC	CACTGTATAT	CCTGGACAAC	780
AACCACACAC	ATTTGCTGCT	CGTGGACAAT	GGCTGTCATG	GACATCCCAC	TGTCGAAGCA	840
AAGCTCCGGA	ATCAGCTAGA	GAAGCATATC	TCTGAGCGCA	CTATTCAAGA	TTCCAATAT	900
GGTGGCAAGA	TCCCCATTGT	GTGTTTTGCC	CAAGGAGGTG	GAAAAGAGAC	TTTGAAAGCC	960
ATCAATACCT	CCATCAAAAA	TAAAATTCCT	TGTGTGGTGG	TGGAAGGCTC	GGGCCGGATC	1020
GCTGATGTGA	TCGCTAGCCT	GGTGGAGGTG	GAGGATGCCC	CGACATCTTC	TGCCGTCAAG	1080
GAGAAGCTGG	TGCGCTTTTT	ACCCCGCACG	GTGTCCCGGC	TGTCTGAGGA	GGAGACTGAG	1140
AGTTGGATCA	AATGGCTCAA	AGAAATTCTC	GAATGTTCTC	ACCTATTAAC	AGTTATTAAC	1200
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CTCTTCTCCA	ACCACTTCAG	CACGCTTGTG	TACCGGAATC	TGCAGATCGC	CAAGAATTCC	1560
TATAATGATG	CCCTCCTCAC	GTTTGTCTGG	AACTGGTTG	CGAACTTCCG	AAGAGGCTTC	1620
CGGAAGGAAG	ACAGAAATGG	CCGGGACGAG	ATGGACATAG	AACTCCACGA	CGTGTCTCCT	1680
ATTACTCGGC	ACCCCTGCA	AGCTCTCTTC	ATCTGGGCCA	TTCTTCAGAA	TAAGAAGGAA	1740
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GATGAAGACT	TGGCAGAACA	GCTGCTGGTC	TATTCCTGTG	AAGCTTGGGG	TGGAAGCAAC	1980
TGTCTGGAGC	TGGCGGTGGA	GGCCACAGAC	CAGCATTTC	CCGCCAGCC	TGGGGTCCAG	2040
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Fig. 12A (1)



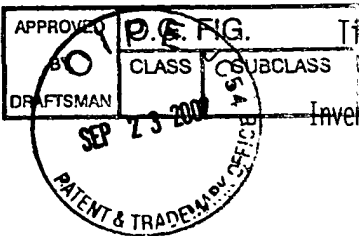
Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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Fig. 12A (2)



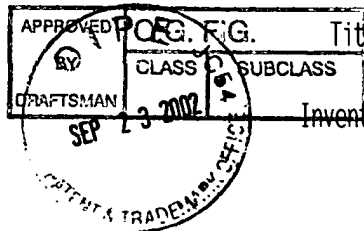
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AAAAAAAAA AAAAAAAAAA AAAAAAAA 5668

*Fig. 12A (3)*



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

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Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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*Fig. 12B*